



Grant Projects Database Report for The Ecosystem Restoration Program Element

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
CBDA Region:				
Science Program Directed Action for Ecological Evaluation of Yolo Bypass to Support Floodplain Restoration	2002	Unknown	\$395,500	Unknown
Programmatic Quality Assurance and Quality Control for CBDA Mercury Research and Monitoring Projects	2003		\$657,391	CA Dept of Fish and Game
Regulatory Activities of Inactive Mine Sites Affecting Delta Water Quality	2003		\$100,000	Central Valley Regional Water Quality Control Board
Summary for 'Region' = 3 projects				
Grant Dollars Awarded For Region:			\$1,152,891	
CBDA Region: Bay				
Suisun Fish Screen Construction	1995	Solano	\$450,000	Suisun Resource Conservation District
Suisun Fish Screen Construction (Phase 2 - Install Additional Screens) - CANCELLED	1996	Solano	\$500,000	Suisun Resource Conservation District
Bay Point Shoreline Restoration Plan	1997	Contra Costa	\$185,000	East Bay Regional Park District
Preventing Exotic Introductions from Ballast Water	1997	Multiple	\$222,830	Sea Grant Extension Program, Univeristy of California, Davis
Cullinan Ranch Restoration	1997	Solano	\$368,500	Ducks Unlimited, Inc.
Tolay Creek Restoration	1997	Solano	\$283,000	Ducks Unlimited, Inc.
Alhambra Creek Watershed Coordinated Resource Management and Planning Program	1998	Contra Costa	\$138,500	Contra Costa Resource Conservation District
Integrated Pest Management Partnership to Improve Water Quality in Suisun Bay and Local Creeks	1998	Contra Costa, Solano	\$266,000	Central Contra Costa Sanitary District
Hamilton Wetlands Restoration Planning	1998	Marin	\$1,025,015	California Coastal Conservancy
Local Watershed Stewardship: Steelhead Trout Plan	1998	Marin	\$47,500	Friends of Corte Madera Creek Watershed
Petaluma Marsh Expansion Project - Marin County	1998	Marin, Sonoma	\$352,135	Marin Audubon Society

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Biological Restoration and Monitoring in the Suisun Marsh/North San Francisco Bay Ecological Zone	1998	Multiple	\$772,667	California State University, Hayward - Biological Science
DWR HAZMAT Review for ERP Land Acquisitions	1998	Multiple	\$24,000	California Department of Water Resources
San Francisco Regional Wetlands Goals Project	1998	Multiple	\$76,000	San Francisco Estuary Institute
Water Challenge 2010	1998	Multiple	\$64,500	United States Army Corps of Engineers, San Francisco Bay Model Visitor's Center
Napa River Watershed Stewardship	1998	Napa	\$252,000	Napa County Resource Conservation District
South Napa River Tidal Slough and Floodplain Restoration Project	1998	Napa	\$1,490,000	City of American Canyon
South Napa River Wetlands Acquisition	1998	Napa	\$1,073,513	Napa County Land Trust
South Napa River Wetlands Acquisition and Restoration Program	1998	Napa	\$466,000	Napa County Land Trust
Cold Water Fisheries and Water Quality Element for the State of the Santa Clara Basin Report	1998	Santa Clara	\$200,000	City of San Jose, Environmental Services Department
Steelhead and Chinook Salmon Fish Passage Barrier Remediation on the Guadalupe River	1998	Santa Clara	\$178,200	Natural Heritage Institute
Benicia Waterfront Marsh Restoration - Phase I	1998	Solano	\$59,000	City of Benicia
Petaluma River Watershed Restoration Program	1998	Sonoma	\$220,000	Southern Sonoma County Resource Conservation District
Sonoma Creek Watershed Enhancement Plan - Phase II	1998	Sonoma	\$302,000	Southern Sonoma County Resource Conservation District
Estuary Action Challenge Environmental Education Project	1999	Alameda, Contra Costa	\$51,500	Earth Island Institute
Assessing Ecological & Economic Impacts of the Chinese Mitten Crab	1999	Multiple	\$113,033	University of California Berkeley
Effects of Introduced Clams on the Food Supply of Bay-Delta Fishes	1999	Multiple	\$100,490	California State Univerisyt, San Francisco
Effects of Introduced Species of Zooplankton & Clams on the Bay-Delta Food Web	1999	Multiple	\$653,384	San Francisco State University
Introduced Spartina Eradication Project Invasive Species Program	1999	Multiple	\$275,000	California Coastal Conservancy
Water Challenge 2010	1999	Multiple	\$52,015	United States Army Corps of Engineers, San Francisco Bay Model Visitor Center
Napa River Watershed Stewardship Year 2	1999	Napa	\$191,100	Napa County Resource Conservation District
South Napa River Tidal Slough & Floodplain Restoration Project	1999	Napa	\$1,565,600	City of American Canyon

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Species & Community Profiles of the San Francisco Bay Area Wetlands Ecosystem Goals Project	1999	San Francisco	\$45,320	Friends of the San Francisco Estuary
Arundo Donax Eradication and Coordination	2000	Multiple	\$842,587	Sonoma Ecology Center
Determining the Biological, Physical and Chemical Characteristics of Ballast Water Arriving in San Francisco Bay	2000	Multiple	\$387,182	San Francisco Estuary Institute
Treating Ballast Water Discharges at Existing Municipal Wastewater Treatment Plants	2000	Multiple	\$122,014	San Francisco Estuary Institute
Sonoma Creek Watershed Conservancy	2000	Sonoma	\$438,923	Southern Sonoma County Resource Conservation District
Estuary Action Challenge Environmental Education Project	2001	Alameda, Contra Costa	\$50,000	Estuary Action Challenge / Earth Island Institute
Kirker Creek Watershed Coordinated Resource Management Planning Program	2001	Contra Costa	\$198,450	Contra Costa Resource Conservation District
Invasive Spartina Project	2001	Multiple	\$1,793,661	California Coastal Conservancy
Hill Slough West Habitat Restoration Demonstration Project, Phase II ** WAS 01-N14 **	2001	Solano	\$87,000	CA Dept of Fish and Game
Suisun Marsh Property Acquisition and Habitat Restoration	2001	Solano	\$536,750	California Department of Water Resources
Ecological Monitoring of Tolay & Cullinan Ranch Tidal Wetlands Restoration	2001	Solano, Sonoma	\$593,931	Ducks Unlimited, Inc.
Sonoma Creek Watershed Conservancy	2001	Sonoma	\$545,170	Southern Sonoma County Resource Conservation District
Estuary Action Challenge Environmental Education Program	2002	Contra Costa, Alameda	\$120,000	Earth Island Institute
Bahia Acquisition & Tidal Wetland Restoration	2002	Marin	\$3,345,000	Marin Audubon Society
Restoration of Sacramento Perch to San Francisco Estuary	2002	Multiple	\$572,732	University of California, Davis
Napa-Sonoma Marsh Restoration Project	2002	Napa, Solano	\$4,511,400	Coastal Conservancy
Shallow Open Water Habitats: Hydrodynamics & Benthic Grazing	2002	Santa Clara, Solano	\$471,661	Stanford University
Distribution, and abundance of shrimp, plankton and benthos in Suisun Marsh: Tidal marsh as a refuge for native species	2002	Solano	\$271,804	University of California, Davis
Suisun Marsh Land Acquisition and Tidal Marsh Restoration	2002	Solano	\$1,046,400	CA Dept of Fish and Game
Update Individual Ownership Adaptive Management Habitat Plans	2002	Solano	\$214,944	Suisun Resource Conservation District

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Summary for 'Region' = Bay 52 projects				
Grant Dollars Awarded For Region:			\$28,213,411	
<i>CBDA Region:</i>	<u>Bay, Delta</u>			
Effects of Climate Variability and Change on the Vegetation and Hydrology of the Bay-Delta Watershed	2002	Multiple	\$562,924	UCSD, Scripps Institution fo Oceanography
Hydroclimatic Reconstruction And Ancient Blue Oak Mapping Over The Drainage Basin Of San Francisco Bay	2002	Multiple	\$747,741	University of Arkansas Fayetteville
Reducing the Introduction and Damage of Aquatic Nonindigenous Species through Outreach and Education, Phase 2	2002	Multiple	\$156,951	University of California, Davis
Selenium Effects on Health and Reproduction of White Sturgeon, Acipenser transmontanus, in the Sacramento-San Joaquin Estuary	2002	Multiple	\$150,047	University of California, Davis
Summary for 'Region' = Bay, Delta 4 projects				
Grant Dollars Awarded For Region:			\$1,617,663	
<i>CBDA Region:</i>	<u>Delta</u>			
Microsatellite DNA for Management and Protection of Endangered Central Valley Chinook Salmon	1995	Sonoma	\$300,000	U.C. Davis Bodega Marine Laboratory
Riparian Habitat Restoration Verona-Collinsville (Phase 1-Feasibility Study)	1996	Contra Costa, Sacramento, Solano, Sutter, Yolo	\$500,000	Department of Water Resources
Invasion of the Bay-Delta Estuary By Introduced Species-Introduction of Non-Indigenous Aquatic Species Research Program	1996	Multiple	\$197,000	San Francisco Estuary Institute
Sherman Island - Levee Habitat Demonstration Project - CANCELLED	1996	Sacramento	\$480,000	California Department of Water Resources Central District
Banta-Carbona Fish Screen Project - CANCELLED	1996	See 97-M07	\$100,000	Banta - Carbona Irrigation District
North Delta Area - Inventory of Rearing Habitat for Juvenile Salmon	1996	Solano	\$24,500	California State University, Sacramento
Prospect Island - Develop Monitoring Plan	1996	Solano	\$35,000	California Department of Water Resources
Prospect Island - Shallow Water Habitat/Wetlands Restoration Plan	1996	Solano	\$2,500,000	United States Army Corps of Engineers
Research to Predict Evolution of Restored Diked Wetlands	1996	Solano	\$575,172	School of Fisheries, University of Washington
Yolo Bypass Habitat Restoration Study	1996	Yolo	\$226,000	California Dept of Water Resources

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Effects of Wetlands Restoration on Methyl Mercury Levels	1997	Multiple	\$546,171	University of California, Davis
Monitoring of Delta Contaminants	1997	Multiple	\$100,000	San Francisco Baykeeper
Role of Contaminants in the Decline of Delta Smelt in the Sacramento-San Joaquin Estuary.	1997	Multiple	\$437,326	University of California, Davis, Bodega Marine Laboratory
Sedimentation Movement and Availability and Monitoring in the Delta	1997	Multiple	\$1,047,010	United States Geological Survey
Assessment and Implementation of Urban Use Reduction of Diazion and Chlorpyrifos (Sacramento County)	1997	Sacramento	\$663,500	Sacramento Area Stormwater Permittees
Cosumnes Start-up Stewardship and Restoration	1997	Sacramento	\$1,985,100	The Nature Conservancy
Tyler Island Levee Protection and Habitat Restoration Pilot Project	1997	Sacramento	\$885,202	Habitat Assessment & Restoration Team, Inc
Banta-Carbona Irrigation District Fish Screen Project	1997	San Joaquin	\$938,875	Banta-Carbona Irrigation District
In-Channel Island Restoration/Demonstration (Phase 1 - Permitting and Design)	1997	San Joaquin	\$270,270	Association of Bay Area Governments
Franks Tract Restoration	1997	Solano	\$323,186	Moffat and Nichol Engineers
Hastings Tract Fish Screen (Phase I - Feasibility Study)	1997	Solano	\$27,000	Hastings Island Land Company
Jepson Prairie Restoration and Conservation Plan	1997	Solano	\$244,801	Solano County Farmlands Open Space Foundation
Liberty Island Acquisition	1997	Solano, Yolo	\$8,926,000	US Fish & Wildlife Service
Rhode Island Floodplain Management and Habitat Restoration - Phase I	1998	Contra Costa, San Joaquin	\$25,000	California Department of Fish & Game
Algae Toxicity Study	1998	Multiple	\$500,000	Central Valley Regional Water Quality Control Board
Cosumnes River Acquisition, Restoration Planning and Demonstration	1998	Multiple	\$750,000	The Nature Conservancy
Culture of Delta Smelt	1998	Multiple	\$194,870	University of California, Davis, Department of Animal Science
Delta Dredging and Reuse Strategy	1998	Multiple	\$200,000	State Water Resources Control Board
Delta Dredging and Reuse Strategy	1998	Multiple	\$276,000	California Department of Fish and Game
Delta Dredging and Reuse Strategy	1998	Multiple	\$24,000	Delta Protection Commission
Developing a Methodology to Accurately Simulate Entrainment of Fish (Pump Barge Study)	1998	Multiple	\$200,000	CA Dept of Fish & Game
Discover the Flyway	1998	Multiple	\$49,000	Yolo Basin Foundation

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Evaluation of Selenium Sources, Levels, and Consequences in the Delta	1998	Multiple	\$1,627,117	US Geological Survey
Cosumnes River Salmonid Barrier Program	1998	Sacramento	\$188,255	Fishery Foundation of California
Stone Lakes National Wildlife Refuge Land Acquisitions	1998	Sacramento	\$2,622,500	US Fish & Wildlife Service
Stone Lakes Water Hyacinth Education Program	1998	Sacramento	\$9,600	Sacramento Regional County Sanitation District
Support for McCormack-Williamson Tract	1998	Sacramento	\$24,000	Department of Water Resources
Twitchell Island Subsidence Study	1998	Sacramento	\$3,583,000	Department of Water Resources
Adult Fall-Run Chinook Salmon Movement in the Lower San Joaquin River and South Delta	1998	San Joaquin	\$285,000	California Department of Fish and Game, Bay-Delta and Special Water Projects Division
Fern-Headreach Tidal Perennial Aquatic and Shaded River Aquatic Conservation Project	1998	San Joaquin	\$425,000	L & L Farms
Local Watershed Stewardship Plan for the Lower Mokelumne River	1998	San Joaquin	\$159,000	San Joaquin County Resource Conservation District
Prospect Island Habitat Protection Project	1998	San Joaquin	\$2,000,000	US Army Corps of Engineers
Cache Slough Habitat Enhancement	1998	Solano	\$85,000	Reclamation District 2060
Hastings Tract Fish Screen (Phase II - Construction)	1998	Solano	\$271,250	Hastings Island Land Company
Hill Slough West Habitat Demonstration Project - Phase I	1998	Solano	\$200,000	California Department of Fish & Game
Lower Putah Creek Watershed Stewardship Program	1998	Solano, Yolo	\$100,500	Solano County, Department of Environmental Management, Plan
Reclamation District 2035 Fish Screen	1998	Yolo	\$100,000	Reclamation District 2035
An Evaluation of the Potential Impacts of the Chinese Mitten Crab (<i>Eriocheir sinensis</i>) on the Benthic Communities in the Sacramento-San Joaquin Delta and Suisun Bay	1999	Multiple	\$152,233	California Department of Water Resources
Assessment of Pesticide Effects on Fish & Their Food Resources in the Sacramento/San Joaquin Delta	1999	Multiple	\$1,586,894	University of California, Berkeley - Regents of the University of California
Dissolved Organic Carbon Release from Delta Wetlands, Part 1	1999	Multiple	\$1,434,449	United States Geological Survey
Fish Treadmill -- Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fish	1999	Multiple	\$823,000	University of California, Davis, Wildlife, Fish, & Conservation Biology
Levee Setback Geomorphic Model	1999	Multiple	\$104,458	University of California, Davis
Purple Loosestrife Prevention, Detection & Control Actions for the Sacramento-San Joaquin River Delta System	1999	Multiple	\$127,473	California Department of Food & Agriculture

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Purple Loosestrife Prevention, Detection & Control in the Sacramento/San Joaquin Delta & Associated Hydrologic Units	1999	Multiple	\$201,306	California Department of Food & Agriculture
Reducing Risk of Importation & Distribution on Non-Native Invasive Species Through Outreach & Education	1999	Multiple	\$105,466	University of California, Davis
Traveling Film Festival & Exhibit; McCormack-Williamson Restoration Film	1999	Multiple	\$51,500	Independent Documentary Group
Understanding Tidal Marsh Restoration Processes and Patterns: Validating and Extending the "BREACH" Conceptual Model	1999	Multiple	\$1,042,246	University of Washington, School of Fisheries
Zebra Mussel Detection & Outreach Project	1999	Multiple	\$100,000	California Department of Water Resources
East Delta Habitat Corridor (Georgiana Slough)	1999	Sacramento	\$1,100,000	Habitat Assessment & Restoration Team, Inc
Habitat Restoration on McCormack-Williamson Tract Levees	1999	Sacramento	\$860,778	The Nature Conservancy
McCormack-Williamson Tract Acquisition	1999	Sacramento	\$5,356,000	The Nature Conservancy / California Wildlife Conservation Board
Lower Mokelumne Stewardship	1999	Sacramento, San Joaquin	\$227,000	San Joaquin Resource Conservation District
Cosumnes and Mokelumne Rivers Feasibility Study	1999	San Joaquin	\$1,007,800	East Bay Municipal Utility District / The Nature Conservancy
Prospect Island Monitoring Project - CANCELLED	1999	Solano	\$915,000	CA Dept of Water Resources
Reintroduction of Endangered Soft Bird's Beak to Restored Habitat	1999	Solano	\$178,889	University of California, Davis, Department of Environmental Science and Policy
Chronic Toxicity of Environmental Contaminants in Sacramento Splittail - A Biomarker Approach	1999	Yolo	\$673,684	University of California, Davis - Animal Sciences
Inundation of a Section of the Yolo Bypass to Restore Sacramento Splittail & Other Native Species. - CANCELLED	1999	Yolo	\$820,679	Natural Heritage Institute
Culture of Delta Smelt Phase II & III	2000	Multiple	\$576,229	University of California Davis, Department of Animal Science
Dissolved Organic Carbon Release from Delta Wetlands - Part 2	2000	Multiple	\$1,030,000	United States Geological Survey
McCormack-Williamson Tract Phase II Monitoring Project	2000	Sacramento	\$572,886	University of California, Davis
McCormack-Williamson Tract Phase II Restoration Planning	2000	Sacramento	\$365,650	California Department of Water Resources
Canal Ranch Habitat Restoration Phase II	2000	San Joaquin	\$135,940	California Department of Fish & Game
Liberty Island Acquisition and Restoration Phase I	2000	Solano, Yolo	\$2,701,734	US Fish & Wildlife Service

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Transport, Transformation & Effects of Selenium and Carbon in the Delta: Implications for Ecosystem Restoration Program	2001	Contra Costa	\$2,600,000	United States Geological Survey
Watershed Stewardship in Marsh Creek: A Project to Protect Water Quality in the Western Delta	2001	Contra Costa	\$126,000	Natural Heritage Institute
Feasibility Study of the Ecosystem and Water Quality Benefits Associated with Restoration of Franks Tract, Big Break, and Lower Sherman Lake - WAS 01-N18	2001	Contra Costa, Sacramento	\$1,218,105	California Department of Water Resources
Demonstration Project for the Protection and Enhancement of Delta In-Channel Islands (Phase 2 - Construction & Monitoring)	2001	Contra Costa, San Joaquin	\$928,150	Association of Bay Area Governments
Fay Island Restoration Project, Phase I	2001	Contra Costa, San Joaquin	\$744,148	California Department of Fish & Game
Educating Farmers and Landowners in Biological Resource Management	2001	Merced, Solano, Yolo	\$1,066,593	Community Alliance with Family Farmers
Digital Soil Survey Mapping and Digital Orthophotoquad Imagery Development	2001	Multiple	\$502,100	Natural Resources Conservation Service / California Conservation Partnership
Fish Treadmill -- Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fish	2001	Multiple	\$1,362,878	University of California Davis
Food Resources for Zooplankton in the Sacramento-San Joaquin River Delta	2001	Multiple	\$576,422	UC Davis
Juvenile Salmon Migratory Behavior Study in North, Central and South Delta	2001	Multiple	\$210,000	Natural Resource Scientists, Inc.
Sedimentation in the Delta and Suisun Bay	2001	Multiple	\$1,367,684	United States Geological Survey
The Influence of Flood Regimes, Vegetative and Geomorphic Structures on the Links Between Aquatic & Terrestrial Systems	2001	Sacramento	\$2,521,236	University of California, Davis
Lower Mokelumne River Restoration Program (Phase 2 - Woodbridge)	2001	San Joaquin	\$680,000	Woodbridge Irrigation District
Staten Island Acquisition	2001	San Joaquin	\$35,110,873	The Nature Conservancy
Yolo Bypass Management Strategy, Phase II	2001	Solano, Yolo	\$210,000	Yolo Basin Foundation
Discover the Flyway II	2001	Yolo	\$197,987	Yolo Basin Foundation
Reclamation District No. 108 Consolidated Pumping Facility and Fish Screen	2002	Colusa, Yolo	\$630,000	Reclamation District 108
Delta Smelt Culture and Research Program	2002	Contra Costa	\$400,000	University of California, Davis
Dutch Slough Tidal Marsh Restoration Project	2002	Contra Costa	\$1,500,000	CA Dept of Fish & Game
Life History of Egeria Densa in the Delta: Factors Controlling Production & Fragment Viability	2002	Contra Costa	\$327,937	Portland State University

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Evaluation of Mercury Transformations & Trophic Transfer in the San Francisco Bay/Delta: Identifying Critical Processes for the Ecosystem Restoration Program	2002	Contra Costa, Sacramento	\$2,262,567	US Geological Survey
Determining the Mechanisms Relating Freshwater Flow & Abundance of Estuarine Biota (the "Fish-X2" relationships): Phase I	2002	Multiple	\$509,222	San Francisco State University-Romberg Tiburon Center
Distribution & Ecology of Lepidium Latifolium in Bay-Delta Wetlands	2002	Multiple	\$223,050	Environmental Science Associates
Primary Production in the Delta: Monitoring Design, Data Analysis and Forecasting	2002	Multiple	\$315,811	University of California, Davis
McCormack-Williamson Tract Restoration: Wildlife-Friendly Levee Management	2002	Sacramento	\$2,476,835	The Nature Conservancy
Geomorphic & Geologic Mapping for Restoration Planning, Sacramento-San Joaquin Delta Region	2002	Sacramento, Solano	\$120,000	William Lettis & Associates, Inc.
Sustainable Restoration Technologies for Bay/Delta Tidal Marsh & Riparian Habitat	2002	Sacramento, Solano, Yolo	\$1,800,000	H.A.R.T., Inc.
Staten Island Wildlife-Friendly Farming Demonstration	2002	San Joaquin	\$1,507,459	Ducks Unlimited, Inc.
Restoring Ecosystem Integrity in the Northwest Delta: Phase II	2002	Solano	\$246,370	Solano County Farmlands Open Space Foundation
The Ecological & Economic Costs & Benefits of Alternative Agricultural Practices: Sediment, Nutrient, & Pesticides in Runoff From Conservation Tillage & Cover Cropped Systems	2002	Stanislaus, Yolo	\$1,892,916	UC Davis

Summary for 'Region' = Delta 103 projects

Grant Dollars Awarded For Region:

\$121,116,842

<i>CBDA Region:</i>	<u>Program Wide</u>			
Applied Research to Identify Chinook Salmon Runs Via Genetics	1996	Multiple	\$450,000	CA Dept of Water Resources
The Effects of Toxics on Central Valley Chinook Salmon - CANCELLED	1996	Multiple	\$110,000	Fox Environmental Management
Assessment of Organic Matter in the Habitat and its Relationship to the Food Chain	1997	Multiple	\$1,440,649	US Geological Survey
Evaluation of Alternative Pesticide Use Reduction Practices	1997	Multiple	\$1,113,781	UC Davis
Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds	1997	Multiple	\$1,680,631	Community Alliance with Family Farmers
Bay-Delta Environmental Restoration Education Program	1998	Multiple	\$40,000	Water Education Foundation

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Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed	1998	Multiple	\$241,000	University of California, Davis
Comprehensive Monitoring Assessment and Research Program - CMARP	1998	Multiple	\$800,000	California Department of Water Resources
Evaluation of Tagging Data	1998	Multiple	\$697,632	Northwest Marine Technology Inc
Expanding California Salmon Habitat to Alter Dams and Diversions	1998	Multiple	\$49,000	Institute for Fisheries Resources
The Virtual Science Center and Hands-on Learning Programs - CANCELLED	1998	Multiple	\$42,000	The Delta Science Center at Big Break
Traveling Film Festival / Heron Booth / Video Archive	1998	Multiple	\$54,000	Independent Documentary Group
Water Quality Criteria for Chlorpyrifos and Diazinon	1998	Multiple	\$67,753	California Department of Fish & Game, Pesticide Investigations Unit
1999/2000 Bay-Delta Education Program	1999	Multiple	\$33,269	Water Education Foundation
Assessment of Ecological and Human Health Impacts of Mercury in the Bay-Delta Watershed	1999	Multiple	\$4,164,000	San Jose State University Foundation
Development of a Comprehensive Implementation Plan for a Statistically Designed Marking & Recovery Plan	1999	Multiple	\$74,951	California Department of Fish & Game
Non-Native Invasive Species Advisory Council	1999	Multiple	\$50,000	United States Fish & Wildlife Service
Practical Guidebook to Prevent & Control for Non-Native Invasive Plants in Shallow Water Habitats of the Bay-Delta Ecosystem	1999	Multiple	\$76,750	San Francisco Estuary Institute
Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed, Phase II	2000	Multiple	\$211,164	University of California Davis
Aeration Technology Performance Evaluation	2001	Fresno, Madera, Merced, San Joaquin, Stanislaus	\$1,645,000	G. Fred Lee and Associates
Adopt-A-Watershed Leadership Institute	2001	Multiple	\$616,734	Adopt-A-Watershed
Bay-Delta Learning Initiative	2001	Multiple	\$126,668	Water Education Foundation
Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watershed	2001	Multiple	\$641,362	University of California Davis
Directed Action for Dissolved Oxygen	2001	Multiple	\$120,000	Dept of Water Resources
Directed Action for Dissolved Oxygen, Interagency Ecological Program Data Management	2001	Multiple	\$35,000	Dept of Water Resources
Environmental Stewardship Educational Conferences and Tours	2001	Multiple	\$48,500	Committee for Sustainable Agriculture (Ecological Farming Association)

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Genetic Identification of Watershed-Dependent Species of Special Concern in the Central Valley	2001	Multiple	\$827,000	CSU San Francisco
Rainbow Trout Toxicity Monitoring: An Evaluation of the Role of Contaminants on Anadromous Salmonids	2001	Multiple	\$530,000	Central Valley Regional Water Quality Control Board
Using Molecular Techniques to Preserve Genetic Integrity of Endangered Salmon in a Supplementation Program	2001	Multiple	\$400,000	University of California Davis
San Joaquin River DO Depletion Modeling - HydroQual, Inc.	2002		\$500,000	HydroQual, Inc.
San Joaquin River DO Depletion Modeling - UCD	2002		\$863,732	UC Davis
UC Sea Grant Extension Program: West Coast Ballast Outreach Project	2002	Alameda, contra costa, marin, sacramento	\$478,395	UC Davis
Invasion Dynamics of Perennial Pepperweed, Lepidium latifolium, and Their Consequences for Protection of Natural and Restored Wetlands in the San Francisco Bay Estuary	2002	alameda, contra costa, sacramento	\$178,701	UC Davis
Distribution and Relationship of Resident and Anadromous Central Valley Rainbow Trout	2002	calaveras, sacramento, san joaquin, stanilaus, tehama, tuolumne, yuba	\$158,756	CA Dept of Fish and Game
Big Break and Marsh Creek Water Quality and Habitat Restoration Program	2002	Contra Costa	\$863,732	CA Coastal Conservancy
Dutch Slough Tidal Marsh Restoration Project (See also 02-P03-D)	2002	Contra Costa	\$23,550,000	CA Dept of Water Resources
Biological Assessment of Green Sturgeon in the Sacramento - San Joaquin Watershed	2002	Multiple	\$998,222	UC Davis
Cultivating Watershed Stewardship	2002	Multiple	\$1,497,500	FARMS Leadership, Inc.
Songbird Population Responses to Riparian Management & Restoration at Multiple Scales: Comparative Analysis, Predictive Modeling, & the Evaluation of Monitoring Programs	2002	Multiple	\$356,876	Point Reyes Bird Observatory
Tiered Public Outreach Program	2002	Multiple	\$360,000	Water Education Foundationa
Transport, Cycling and Fate of Mercury and Monomethyl Mercury in the San Francisco Delta and Tributaries - An Integrated Mass Balance Assessment Approach	2002	Multiple	\$3,881,215	CA Dept of Fish and Game
Transport, Cycling and Fate of Mercury and Monomethyl Mercury in the San Francisco Delta and Tributaries - An Integrated Mass Balance Assessment Approach - FUNDING IS PART OF 2002-C06-A CONTRACT.	2002	Multiple	\$1	CA State Dept of Fish and Game
Adopt-A-Watershed Leadership Development, Next Phase	2002	Mutiple	\$1,518,395	Adopt-A-Watershed

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Investigating in situ Low Intensity Chemical Dosing to decrease Delta waters DOC concentrations and DBP Precursors while accelerating wetland peat accretion rates and reducing flood risks (was 02-P41)	2002	Sacramento	\$767,135	US Geological Survey
Restoration of Eastern Delta Floodplain Habitats on Grizzly Slough in the Cosumnes River Watershed (was 02-P05)	2002	Sacramento	\$300,000	CA Dept of Water Resources
Two-Dimensional Detailed Hydraulic Model for Determining Flood Conveyance Impacts of Ecosystem Restoration Projects in the Yolo Bypass	2002	Solano, Yolo	\$500,257	CA State Reclamation Board
Physical Modeling Experiments to Guide River Restoration Projects	2003	Contra Costa	\$2,488,003	Stillwater Sciences
Research, Outreach, and Education on Fish Consumption in the Sacramento-San Joaquin Delta and its tributaries - Phase 1 Scoping Study	2003	Multiple	\$82,610	UC Santa Barbara
Restoring Ecosystem Integrity in the Northwest Delta: Phase II	2003	Solano	\$1,563,506	Solano Land Trust
Summary for 'Region' = Program Wide 49 projects				
Grant Dollars Awarded For Region:			\$57,293,880	

CBDA Region: **Sacramento Valley**

Durham Mutual Fish Screen and Ladder Project	1995	Butte	\$316,500	Durham Mutual Water Company
M&T/Parrott Pumping Station and Fish Screen Project-Relocation Construction	1995	Butte	\$1,610,000	Duck's Unlimited
Parrot-Phelan Dam Fish Ladder and Screen	1995	Butte	\$318,000	California Department of Fish and Game
Keswick Dam Sacramento River Gravel Placement Project	1995	Shasta	\$45,000	California Department of Fish and Game
Battle Creek - Interim Flow Restoration	1995	Tehama	\$500,000	US Fish & Wildlife Service
Butte Creek - Watershed Management Strategy Plan	1996	Butte, Colusa, Glenn, Sutter	\$83,000	California State University, Chico
Adams Dam Fish Screen & Ladder Feasibility Study	1996	Butte	\$70,304	Ducks Unlimited
Butte Creek Siphon & Associated Improvements	1996	Butte	\$3,095,873	Western Canal Water District
Gorrill Dam Fish Screen & Ladder	1996	Butte	\$67,990	Ducks Unlimited
Princeton Pumping Plant Fish Screen (Phase 1-Feasibility Study)	1996	Colusa	\$75,000	Reclamation District 1004
Princeton-Codora-Glenn Irrigation District and Provident Irrigation District Pumping Station and Fish Screen Project (Phase II: Construction)	1996	Colusa, Glenn	\$5,500,000	Princeton-Codora-Glenn / Provident Irrigation Districts
Sacramento River Princeton-Codora-Glenn Irrigation District and Provident Irrigation District Fish Screen (Phase I: Feasibility Study/Engineering)	1996	Colusa, Glenn	\$75,000	Princeton-Codora-Glenn / Provident Irrigation Districts

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Sacramento River and Major Tributaries Corridor Mapping Project	1996	Multiple	\$145,200	California State University, Chico's Geographical Information Center
Battle Creek - Chinook Salmon & Steelhead Restoration Study	1996	Shasta, Tehama	\$306,000	Willaim M. Keir Associates
Battle Creek Watershed Management Strategy Project - Chinook Salmon & Establish Watershed Conservancy	1996	Shasta, Tehama	\$50,000	Western Shasta Resource Conservation District
Innovative Fish Screen for Small Diversions Demonstration Project	1996	Shasta, Tehama	\$90,000	Buell & Associates
Wilkins Slough Fish Screen Project - Phase 2 Feasibility Study and Preliminary Design	1996	Yolo, Colusa	\$100,000	Reclamation District 108
Yuba River Fish Screen Replacement	1996	Yuba	\$114,750	Browns Valley Irrigation District
Adams Dam Fish Ladder and Screen Construction	1997	Butte	\$217,000	Ducks Unlimited, Inc.
Big Chico Creek Watershed Management Plan	1997	Butte	\$422,830	Big Chico Creek Watershed Alliance
Butte Creek Acquisition and Riparian Restoration	1997	Butte	\$187,128	CSU Chico Research Foundation
Gorrill Dam Fish Screen and Ladder Project	1997	Butte	\$369,641	Ducks Unlimited
Wilson Ranch Fish Screen Project - CANCELLED	1997	Butte, Glenn	\$200,000	Deseret Farms of California
Princeton Fish Screen Construction	1997	Colusa	\$1,750,000	Reclamation District 1004
Wilkins Slough Pumping Plant Fish Screen Project	1997	Colusa	\$2,500,000	Reclamation District 108
Sacramento River Floodplain Acquisition and Riparian Restoration	1997	Glenn	\$512,500	Wildlife Conservation Board
Sacramento River Meander Restoration	1997	Glenn	\$898,700	The Nature Conservancy
Sacramento River Floodplain Acquisition - Natural Process Restoration	1997	Multiple	\$9,879,800	Wildlife Conservation Board, US Fish and Wildlife Service, The Nature Conservancy
Watershed Management Planning for Sacramento River Riparian Program	1997	Multiple	\$200,000	California Department of Water Resources, Northern District
Restoration Planning (Middle and North Fork American River, Auburn Ravine, Coon Creek)	1997	Placer	\$222,530	Placer County
Saeltzer Dam Fish Passage	1997	Shasta	\$238,200	Townsend Flat Water Ditch Company
Selected Fish Screens on Sacramento River and Tributaries	1997	Shasta	\$374,850	California Dept of Fish & Game
Battle Creek Screens and Fish Passage	1997	Shasta, Tehama	\$395,000	California Department of Water Resources
Cottonwood Creek Channel Restoration Planning	1997	Shasta, Tehama	\$61,000	Graham Matthews & Associates
Suisun Marsh Fish Screens - CANCELLED	1997	Shasta, Tehama	\$2,784,600	Unknown

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Deer Creek Watershed Management/Implementation Program	1997	Tehama	\$196,554	Deer Creek Watershed Conservancy and CSUC
Lower Mill Creek Riparian Restoration (Phase II)	1997	Tehama	\$69,000	Mill Creek Conservancy, The Nature Conservancy
Sacramento River Floodplain Acquisition - Riparian Forest Restoration	1997	Tehama	\$780,000	Wildlife Conservation Board, US Fish and Wildlife Service, The Nature Conservancy
Watershed Improvements/Sediment Stabilization (Deer, Mill, Antelope Creeks)	1997	Tehama	\$371,000	United States National Forest Service (Lassen National Forest)
Butte Creek Acquisition and Riparian Restoration	1998	Butte	\$125,000	California State University, Chico - Department of Geography and Planning
Butte Creek Riparian Restoration Demonstration	1998	Butte	\$76,348	California State University Chico
Butte Creek Watershed Restoration Implementation	1998	Butte	\$302,867	California State University, Chico - Chico Research Foundation Watershed Projects Office
Lower Mill Creek Riparian Restoration (Phase I)	1998	Butte	\$30,000	Mill Creek Conservancy
Boeger Family Farm Fish Screen (Phase II - Construction)	1998	Colusa	\$139,500	Boeger Family Farms
Boeger Family Farm Screen - Feasibility Study Phase I	1998	Colusa	\$15,000	Boeger Family Farms
Sand and Salt Creek Watershed Project	1998	Colusa, Yolo	\$599,000	Colusa County Resource Conservation District
Inventory of Forest Road Systems, Cat Creek Watershed	1998	El Dorado	\$45,320	United States Forest Service
Fathead Minnow Toxicity Study in the Sacramento River	1998	Multiple	\$400,000	Central Valley Regional Water Quality Control Board
Floodplain Acquisition, Management, and Monitoring on the Sacramento River	1998	Multiple	\$1,000,000	The Nature Conservancy
Sacramento River, Headwaters to the Ocean, Public Information and Education	1998	Multiple	\$49,640	Sacramento River Discovery Center
The Butte Creek Watershed Educational Workshops and Field Tours Series	1998	Multiple	\$33,000	California State University, Chico Research Foundation, Department of Geography and Planning
Conduct/Facilitate Meetings on the Upper Yuba River; Engelbright Dam	1998	Nevada	\$7,333	United States Fish & Wildlife Service
South Yuba River Coordinated Watershed Management Plan	1998	Nevada	\$264,000	California Department of Parks and Recreation
American River (North and Middle Forks) Integrated Watershed Stewardship Strategy	1998	Placer	\$220,750	Placer County Resource Conservation District
City of Sacramento Fish Screen Replacement Project (Phase II - Design)	1998	Sacramento	\$654,500	City of Sacramento

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Cosumnes Floodplain Acquisition and Restoration	1998	Sacramento	\$3,500,000	The Nature Conservancy
American Basin Fish Screen and Habitat Improvement Project	1998	Sacramento, Sutter	\$200,000	Natomas Mutual Water Company
Anderson-Cottonwood Irrigation District Fish Passage	1998	Shasta	\$325,000	Anderson-Cottonwood Irrigation District
Anderson-Cottonwood Irrigation District Fish Passage and Fish Screen Improvement Project (Phase II - Final Design)	1998	Shasta	\$860,000	Anderson-Cottonwood Irrigation District
Genetic Comparison of stocks considered for re-establishing steelhead (Oncorhynchus mykiss) in Clear Creek, a tributary to the Upper Sacramento River.	1998	Shasta	\$45,493	United States Fish and Wildlife Service, Northern Central Valley Fish and Wildlife Office
Lower Clear Creek Floodway Restoration Project (Phase II)	1998	Shasta	\$3,559,596	Western Shasta Resource Conservation District
Sulfur Creek Coordinated Resource Management Planning Group	1998	Shasta	\$23,838	Sacramento Watersheds Action Group
Battle Creek Screens and Fish Passage	1998	Shasta, Tehama	\$395,000	Department of Water Resources
Battle Creek Watershed Stewardship	1998	Shasta, Tehama	\$145,000	Battle Creek Watershed Conservancy
Cottonwood Creek Watershed Group Formation	1998	Shasta, Tehama	\$161,000	Cottonwood Creek Watershed Group
Monitoring Spring and Winter-Run Chinook Salmon and Steelhead in Battle Creek	1998	Shasta, Tehama	\$150,000	US Fish & Wildlife Service
Small Fish Screen Diversion Project on the Sacramento River	1998	Shasta, Tehama	\$900,000	Natural Resources Conservation Service
Yolo Bypass Watershed Restoration Strategy	1998	Solano, Yolo	\$244,188	Yolo Basin Foundation, Inc.
Richter Brothers Screen, Phase I	1998	Sutter	\$49,000	Richter Brothers
Small Fish Screen Evaluation - CANCELLED	1998	Sutter	\$95,000	Pelgar Mutual Water Company
Anadromous Fish Passage at Clough Dam on Mill Creek	1998	Tehama	\$1,215,000	California Department of Water Resources
Deer and Mill Creeks Acquisition and Enhancement	1998	Tehama	\$1,000,000	The Nature Conservancy
Fish Passage Improvement Project at the Red Bluff Diversion Dam	1998	Tehama	\$340,600	Tehama-Colusa Canal Authority
Spawning Areas of Green Sturgeon (Acipenser medirostris) in the Upper Sacramento River	1998	Tehama	\$60,801	United States Fish and Wildlife Service, Northern Central Valley Fish and Wildlife Office
Union School Slough Watershed Improvement Program	1998	Yolo	\$636,000	National Audubon Society
Life History and Stock Composition of Steelhead Trout	1998	Yuba	\$120,000	Yuba County Water Agency
Nelson Slough Wildlife Area Restoration Demonstration Project - CANCELLED	1998	Yuba	\$256,476	California Department of Fish & Game

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Lower Butte Creek Project (Phase II - Preliminary Engineering and Environmental Analysis for Butte Sink Structural Modifications and Flow-Through System)	1999	Butte, Colusa, Sutter	\$775,000	Ducks Unlimited, Inc.
Colusa Basin Watershed Project	1999	Colusa	\$492,500	Colusa County Resource Conservation District
Colusa County Watershed Educational Training	1999	Colusa	\$13,390	Colusa County Resource Conservation District
American River (South and Middle Fork) Watershed Stewardship Project	1999	El Dorado	\$203,250	Georgetown Divide Resource Conservation District
Central Valley Steelhead Genetic Evaluation	1999	Multiple	\$70,636	California Department of Fish & Game
The Learning Watershed Project	1999	Multiple	\$56,907	American River Watershed Institute
Duncan/Long Canyon, Paired-Watershed Study	1999	Placer	\$86,108	Placer County Water Agency
Development of a River Corridor Management Plan for the Lower American River	1999	Sacramento	\$250,000	City of Sacramento
Anderson-Cottonwood Irrigation District Fish Passage and Fish Screening Improvement Project, Phase III	1999	Shasta	\$5,253,000	Anderson-Cottonwood Irrigation District
Anderson-Cottonwood Irrigation District Fish Screen	1999	Shasta	\$5,100,000	Anderson-Cottonwood Irrigation District
Clear Creek Prescription	1999	Shasta	\$256,260	Western Shasta Resource Conservation District
Battle Creek Salmon and Steelhead Restoration Project	1999	Shasta, Tehama	\$28,000,000	Pacific Gas & Electric (primary)
Improving Fish Passage Facilities at Coleman National Fish Hatchery to Facilitate Restoration of Battle Creek Salmon and Steelhead	1999	Shasta, Tehama	\$2,500,000	United States Fish & Wildlife Service
Riparian Corridor Acquisition and Restoration Assessment	1999	Shasta, Tehama	\$2,240,250	United States Bureau of Land Management, Redding Field Office
Fish Passage Improvement Project at the Red Bluff Diversion Dam, Phase II	1999	Tehama	\$1,030,000	Tehama-Colusa Canal Authority
Lake Red Bluff Riparian Area Restoration & Education Support Project	1999	Tehama	\$29,114	California Conservation Corps
Sacramento River Discovery Center Educational Program	1999	Tehama	\$39,552	Sacramento River Discovery Center
Development of an Implementation Plan for Lower Yuba River Anadromous Fish Habitat Restoration	1999	Yuba	\$3,000,000	Surface Water Resources, Inc.
Yuba Watershed Council	1999	Yuba	\$142,618	Yuba Watershed Council
Maxwell Irrigation District Tuttle Pump Relocation Project	2000	Colusa	\$440,737	Maxwell Irrigation District
Sacramento River Small Diversion Fish Screen Program - Mechanical Monitoring and Maintenance Project	2000	Colusa, Shasta	\$322,081	Natural Resources Conservation Service

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Floodplain Acquisition and Subreach/Site-Specific Management Planning on the Sacramento River (Red Bluff to Colusa)	2000	Multiple	\$534,570	The Nature Conservancy
Department of Conservation Directed Action - Mine Remediation Assessment	2000	Nevada, Placer, Sierra	\$147,000	California Department of Conservation
Investigation of Abandoned Mine Sites - Yuba River	2000	Nevada, Sierra, Yuba	\$100,000	Unknown
Last Chance Creek Watershed Restoration Project - Ferris Meadow Reach - Feather River Coordinated Resource Management	2000	Plumas	\$1,009,400	Feather River Coordinated Resource Management
City of Redding Water Utility Fish Screen Rehabilitation	2000	Shasta	\$510,262	City of Redding, Department of Public Works
Cottonwood Creek Watershed Monitoring and Assessment	2000	Shasta, Tehama	\$360,000	Cottonwood Creek Watershed Group
Large-Scale Pilot Demonstration of Passivation Technology For Restoration of Newton Copper Mine	2001	Amador	\$60,000	University of Nevada
Watershed Education Project	2001	Butte	\$100,865	Chico Unified School District
Butte Creek/Sanborn Slough Bifurcation Upgrade Project	2001	Butte, Colusa	\$1,000,000	California Waterfowl Association
Real-Time Flow Monitoring	2001	Butte, Colusa, Sutter, Tehama	\$418,700	California Department of Water Resources
Butte Creek, Big Chico Creek, and Sutter Bypass Chinook Salmon and Steelhead Evaluation	2001	Butte, Sutter	\$280,951	CA Dept of Fish & Game
Arundo Donax: Survey and Eradication	2001	Butte, Tehama	\$360,000	California State University, Chico
Lassen National Forest Watershed Stewardship Within the Anadromous Watersheds of Butte, Deer, and Mill Creeks	2001	Butte, Tehama	\$849,845	US Forest Service
White Mallard Dam and Associated Diversions	2001	Colusa	\$84,938	California Waterfowl Association
Sacramento River Fish Small Screen Project Vertical River Pump Diversions	2001	Colusa, Glann, Sutter	\$1,800,000	Natural Resources Conservation Service
Sacramento River Conservation Area Program	2001	Multiple	\$326,991	CSU Chico
Watershed Education, Headwaters to the Ocean	2001	Multiple	\$321,816	Sacramento River Discovery Center
Yuba Feather Work Group	2001	Nevada, Placer, Sierra, Yuba	\$193,650	San Francisco Estuary Institute
Technical and Scientific Services for the Upper Yuba River Studies Program	2001	Nevada, Sierra, Yuba	\$540,000	US Geological Service
City of Sacramento Intake Fish Screen Replacement Project	2001	Sacramento	\$6,020,995	City of Sacramento
American Basin Fish Screen & Habitat Improvement Project	2001	Sacramento, Sutter	\$950,000	Natomas Mutual Water Company
Clear Creek Juvenile Salmonid Monitoring Project	2001	Shasta	\$871,026	US Fish & Wildlife Service

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Sacramento River Winter Chinook Salmon Carcass Survey	2001	Shasta	\$305,273	US Fish & Wildlife Service
Battle Creek Anadromous Salmonid Monitoring Projects	2001	Shasta, Tehama	\$1,576,152	US Fish & Wildlife Service
Battle Creek Riparian Protection	2001	Shasta, Tehama	\$1,000,000	The Nature Conservancy
Battle Creek Watershed Stewardship, Phase II	2001	Shasta, Tehama	\$268,817	Battle Creek Watershed Conservancy
Lower Butte Creek Project (Phase III - Facilitation/Coordination and Construction of Three Fish Passage Modifications to Sutter Bypass West Side Water Control Structures)	2001	Sutter	\$4,783,719	Ducks Unlimited, Inc.
Estimating the Abundance of Sacramento River Juvenile Winter Chinook Salmon with Comparisons to Adult Escapement	2001	Tehama	\$1,081,638	US Fish & Wildlife Service
Fish Passage Improvement Project at the Red Bluff Diversion Dam - Balance of Phase II Funding with Requested Change of Scope	2001	Tehama	\$1,574,000	Tehama-Colusa Canal Authority
Ecosystem Restoration Program Directed Action for Cache Creek Settling Basin Study	2001	Yolo	\$100,000	Army Corps of Engineers
Reclamation District 2035 Fish Screen Design and Environmental Review	2001	Yolo	\$1,820,000	Reclamation District 2035
Sustaining Agriculture and Wildlife Beyond the Riparian Corridor	2001	Yolo	\$1,464,167	Yolo County Resource Conservation District
Willow Slough Watershed Rangeland Stewardship Program	2001	Yolo	\$1,800,668	National Audubon Society
Narrows 2 Hydro Power Plant Flow Bypass System Design	2001	Yuba	\$299,606	Yuba County Water Agency
Restoration of The Confluence Area of The Sacramento River, Big Chico and Mud Creeks	2002	Butte	\$2,603,377	The Nature Conservancy
Riparian Restoration Planning and Feasibility Study for the Riparian Sanctuary, Llano Seco Unit	2002	Butte	\$289,784	US Fish and Wildlife Service
Butte Sink Water Control Structure Modifications (Phase III - Construction)	2002	Butte, Sutter	\$5,748,112	Ducks Unlimited, Inc.
White Mallard Dam and Associated Diversions - Phase III Construction	2002	colusa	\$753,415	Ducks Unlimited
Sub-Reach Planning for the Sacramento River: River Mile 144-164	2002	Colusa Glenn	\$1,488,009	The Nature Conservancy
Pine Hill Ecological Reserve	2002	El Dorado	\$800,000	American River Conservancy
Upper Cosumnes River Watershed Conservation Project	2002	El Dorado	\$2,000,000	American River Conservancy
Hamilton City Ecosystem Restoration and Flood Damage Reduction	2002	Glenn	\$420,000	CA State Reclamation Board
Distribution and Relationship of Resident and Anadromous Central Valley Rainbow Trout	2002	Multiple	\$158,756	CA Department of Fish and Game

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
INFORM - Integrated Forecast & Reservoir Management Demonstration for Northern California Water Resources	2002	Multiple	\$600,000	Hydrologic Research Center
Pyrethroid Insecticides: Analysis, Occurrence, and Fate in the Sacramento and San Joaquin Rivers and Delta	2002	Multiple	\$800,000	US Geological Survey
Department of Conservation, Abandoned Mine Lands Unit Mine Remediation Assessment and Field Investigations of the Middle Yuba River and other Watersheds	2002	Nevada, Sierra, Yuba	\$400,000	CA Dept of Conservation
Engineering, Environmental, Project Management and Facilitation for Upper Yuba River Studies Program	2002	Nevada, Sierra, Yuba	\$2,120,000	Anadromous Fish Restoration Program
Water Quality and Sediment Studies in the Yuba Watershed	2002	Nevada, Sierra, Yuba	\$4,043,966	Anadromous Fish Restoration Program
East Sacramento County Blue Oak Legacy Acquisition Area-Deer Creek Hills Project	2002	Sacramento	\$1,000,000	Sacramento Valley Open Space Conservancy
Lower American River Temperature Reduction Modeling Project (formerly the Lake Natoma Temperature Curtains Pilot Project)	2002	Sacramento	\$466,082	Dept of Water Resources
American Basin Fish Screen and Habitat Improvement Project	2002	Sacramento, Sutter	\$12,600,000	Natomas Mutual Water Company
Battle Creek Protection and Stewardship (Funded through Iron Mountain Mine Remediation)	2002	Shasta, Tehama	\$2,206,625	The Nature Conservancy
Kids for Our Creeks	2002	Shasta, Tehama	\$164,579	Cottonwood Creek Watershed Group
Lower Butte Creek Project: Sutter Bypass - Willow Slough Weir Fish Passage Project	2002	Sutter	\$155,000	Ca Dept of Water Resources
Meridian Farms Water Company - Positive Barrier Fish Screen Project	2002	Sutter	\$750,000	Meridian Farms Water Company
Sutter Mutual Water Company-Tisdale Positive Barrier Fish Screen and Pumping Plant	2002	Sutter	\$1,270,000	Sutter Mutual Water Company
Lower Deer Creek Restoration and Floodplain Management: Feasibility Study and Conceptual Design	2002	Tehama	\$1,519,200	Deer Creek Watershed Conservancy
Mill & Deer Creeks Protection & Stewardship	2002	Tehama	\$4,700,000	The Nature Conservancy
AT-RISK PLANT SPECIES, HABITAT RESTORATION AND RECOVERY, AND NON-NATIVE INVASIVE SPECIES MANAGEMENT	2002	Yolo	\$400,000	Yolo County Parks
Pacific Flyway Center Initial Planning	2002	yolo	\$334,021	Yolo Basin Foundation
Narrows 2 Powerplant Flow Bypass System	2002	Yuba	\$4,280,600	Yuba County Water Agency

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Summary for 'Region' = Sacramento Valley 159 projects				
Grant Dollars Awarded For Region:			\$188,725,178	
<i>CBDA Region:</i>				
<u>San Joaquin Valley</u>				
Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds (Bios - Biological Integrated Orchard Systems)	1995	Merced, Stanislaus	\$660,000	Community Alliance with Family Farmers
Cosumnes River Preserve (Valensin Ranch Acquisition)	1996	Sacramento	\$1,500,000	The Nature Conservancy
Acquisition and Restoration of Refuge Lands (San Joaquin River National Wildlife Refuge)	1997	Merced	\$10,827,000	US Fish & Wildlife Service
Bear Creek Floodplain Restoration Demonstration Project (San Luis National Wildlife Refuge)	1997	Merced	\$334,000	US Fish & Wildlife Service (San Luis National Wildlife Refuge Complex)
San Joaquin River Real-Time Water Quality Management Program	1997	Merced, San Joaquin, Stanislaus	\$931,857	California Department of Water Resources, San Joaquin District
Developing a Genetic Baseline for San Joaquin Salmon	1997	Multiple	\$387,003	CA Dept of Fish & Game
Knights Ferry Gravel Replenishment	1997	Stanislaus	\$536,410	Carl Mesick Consultants
Stanilaus River Chinook Salmon Habitat Restoration Actions, Williams Site - CANCELLED	1997	Stanislaus	\$1,037,899	California Department of Water Resources / California Department of Fish and Game
Tuolumne River Channel Restoration (Pool 9)	1997	Stanislaus	\$2,353,100	Turlock Irrigation District
Tuolumne River Setback Levees and Channel/Mining Reach Restoration (7/11 Segment)	1997	Stanislaus	\$2,801,000	Turlock Irrigation District
Gravel Replacement at Basso Bridge	1997	Tuolumne	\$250,975	CA Dept of Fish & Game
Merced River Corridor Restoration Plan	1998	Merced	\$300,000	Stillwater Sciences
Merced River Salmon Habitat Enhancement (Phase III)	1998	Merced	\$2,433,759	California Departmento of Water Resources
Bacterial Treatment of Selenium in the Panoche Drainage	1998	Multiple	\$1,149,000	University of California, Berkeley
Environmental Agriculture Conferences and Field Tours	1998	Multiple	\$28,000	The Committee for Sustainable Agriculture
San Joaquin Valley Salmonids in the Classroom Program Enhancement	1998	Multiple	\$3,000	California Department of Fish & Game
Woodbridge Fish Screen and Passage	1998	Sacramento, San Joaquin	\$1,575,000	Woodbridge Irrigation District
Grayson River Ranch Perpetual Easement and Restoration	1998	Stanislaus	\$732,000	East Stanislaus Resource Conservation District

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Lower San Joaquin River Floodplain Protection and Restoration Project	1998	Stanislaus	\$1,100,000	US Fish & Wildlife Service
Tuolumne River Natural Resources Program	1998	Stanislaus	\$94,213	City of Modesto
Tuolumne River Setback Levees and Channel Restoration	1998	Stanislaus	\$1,362,000	Turlock Irrigation District
Basso Bridge and Merced River Ranch Land Acquisition	1998	Tuolumne	\$830,500	California Department of Fish & Game, Resources Agency
San Joaquin River Pilot Project	1999	Fresno	\$2,575,000	Friant Water Users Authority
River Studies Center Exhibits & Programs	1999	Fresno, Madera	\$70,467	San Joaquin River Parkway & Conservation Trust
Merced River Salmon Habitat Enhancement (Phase I - Robinson/Gallo Salmon Restoration Project: Ratzlaff Reach Site)	1999	Merced	\$1,586,350	California Department of Water Resources
Merced River Salmon Habitat Enhancement: Lower Western Stone Restoration Site	1999	Merced	\$130,000	California Department of Water Resources
Health Monitoring of Hatchery and Natural Fall-run Chinook Juveniles in the San Joaquin River and Delta, April - June 2000	1999	Merced, San Joaquin	\$38,996	United States Fish & Wildlife Service, California- Nevada Fish Health Center
Determination of the Causes of Dissolved Oxygen Depletion in the San Joaquin River	1999	Merced, San Joaquin, Stanislaus	\$892,400	California Department of Water Resources, Environmental Services Office
Biological Agricultural Systems In Cotton-BASIC-Reducing Synthetic Pesticides & Fertilizers in the North San Joaquin Valley	1999	Multiple	\$460,000	Sustainable Cotton Project
Linked Hydrogeomorphic Ecosystem Models to Support Adaptive Management	1999	Sacramento	\$1,546,016	UC Davis
San Joaquin County Water Acquisition	1999	San Joaquin, Stanislaus	\$3,090,000	Oakdale & South San Joaquin Irrigation Districts
Floodplain Easements - Lower Tuolumne and San Joaquin Rivers	1999	Stanislaus	\$1,545,000	Natural Resources Conservation Service
Tuolumne River Mining Reach Restoration (MJ Ruddy)	1999	Stanislaus	\$3,332,050	Turlock Irrigation District
Tuolumne River Run Pool 10 Restoration	1999	Stanislaus	\$165,000	Turlock Irrigation District
Panoche/Silver Creek Watershed Management/Action Plan	2000	Fresno, San Benito	\$873,440	Westside Resource Conservation District
Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District	2000	Merced	\$671,900	Grassland Water District
Merced River Corridor Restoration Project Phase III	2000	Merced	\$272,912	Stillwater Sciences
A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase I & II	2000	Merced, Stanislaus	\$230,376	Stillwater Sciences
Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin	2000	Multiple	\$304,803	Natural Heritage Institute

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Tuolumne River Bobcat Flat Floodplain Acquisition	2000	Stanislaus	\$2,043,850	Friends of the Tuolumne, Inc.
Stockton East Water District and Calaveras County Water District Fish Screen Facilities - Calaveras River	2001	Calaveras, San Joaquin	\$670,000	Stockton East Water District
Revised Phase 2: Merced River Salmon Habitat Enhancement: River Miles 42 to 44 (Robinson Ranch and Permit #307 sites) - WAS 01-N06	2001	Marin, Merced	\$1,699,101	California Department of Fish and Game, Central Valley Bay-Delta Branch
Merced River Water Temperature Management Feasibility Study	2001	Merced	\$45,000	Merced Irrigation District
Non-Structural Alternative at the San Joaquin River National Wildlife Refuge: Refinement for Habitat Enhancement	2001	Merced	\$231,942	Ducks Unlimited, Inc.
Directed Action for Selenium	2001	Multiple	\$115,000	*
Traveling Film Festival/San Joaquin River Oral History Film	2001	Multiple	\$281,316	Independent Documentary Group
Cosumnes/Mokelumne Corridor Floodplain Acquisitions, Management, and Restoration Planning	2001	Sacramento	\$3,044,342	The Nature Conservancy
Delta Studies Program: San Joaquin County Schools	2001	San Joaquin	\$306,291	San Joaquin County Office of Education
Directed Action for Sources and Causes of Oxygen Demand from Algal Biomass in the San Joaquin River Deep Water Ship Channel	2001	San Joaquin	\$393,596	Dept of Water Resouces
Lower Calaveras River Chinook Salmon and Steelhead Life History Limiting Factors Assessment	2001	San Joaquin	\$314,704	Fishery Foundation of California
Habitat Acquisition for Riparian Brush Rabbit and Riparian Wood Rat	2001	San Joaquin, Stanislaus	\$2,720,085	United States Fish & Wildlife Service
Health Monitoring of Hatchery and Natural Fall-Run Chinook Juveniles	2001	San Joaquin, Stanislaus	\$40,890	United States Fish & Wildlife Service
San Joaquin River Chinook Salmon Age Determinations: Phase II	2001	San Joaquin, Stanislaus	\$54,555	California Department of Fish & Game
Evaluate Use of a Two-Dimensional Hydraulic and Habitat Simulation Model to Assess Benefits of Channel Restoration	2001	Stanislaus	\$11,000	United States Fish & Wildlife Service
Patterson Irrigation District Positive Barrier Fish Screen on San Joaquin River Diversion	2001	Stanislaus	\$175,000	Patterson Irrigation District
San Joaquin River National Wildlife Refuge Riparian Habitat Protection & Floodplain Restoration Project - Phase II	2001	Stanislaus	\$7,646,233	United States Fish & Wildlife Service
Tuolumne River Fine Sediment Management	2001	Stanislaus	\$910,486	Turlock Irrigation District
Tuolumne River Mining Reach Restoration Number 3, Warner-Deardorff Segment	2001	Stanislaus	\$910,486	Turlock Irrigation District
Tuolumne River Restoration: Special Run Pool 10	2001	Stanislaus	\$543,530	Turlock Irrigation District
Spawning Habitat & Floodplain Restoration in the Stanislaus River, Phase I	2001	Tuolumne	\$672,610	Carl Mesick Consultants

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Tuolumne River Watershed Outreach and Stewardship	2001	Tuolumne	\$62,000	Tuolumne River Preservation Trust
Monitoring of Nutrients and Oxygen Depleting Substances in the San Joaquin River Basin Upstream of Vernalis	2001	Unknown	\$276,000	Unknown
Stanislaus-Lower San Joaquin River Water Temperature Modeling & Analysis	2002	Calaveras, Stansislaus, Tuolumne	\$661,902	Tri-Dam Project
Full-Scale Demonstration of Agricultural Drainage-Water Recycling Process Using Membrane Technology	2002	Fresno	\$280,890	Water Tech Partners
Merced River Corridor Restoration Plan Phase IV:Dredger Tailings Reach	2002	Merced	\$2,192,515	Stillwater Sciences
Recovery Implementation for Riparian Brush Rabbit and Riparian Woodrat on the Lower Stanislaus River (Was ERP-02-P25-D and then was 02D-P59).	2002	San Joaquin	\$6,427,131	US Fish and Wildlife Service
Restoration & Monitoring of Riparian Habitat Corridors Along the Lower Mokelumne River	2002	San Joaquin	\$859,405	San Joaquin County RCD
Patterson Irrigation District Fish Screen Design & Environmental Review	2002	Stanislaus	\$611,000	Patterson Irrigation District
Tuolumne River - Big Bend Project	2002	Stanislaus	\$706,649	Tuolumne River Preservation Trust
Tuolumne River Mining Reach Restoration: Warner-Deardorff Segment No. 3 - Construction	2002	Stanislaus	\$10,839,000	Turlock Irrigation District
Tuolumne River Sediment Acquisition & Spawning Gravel Transfusion Project	2002	Stanislaus	\$4,350,000	Turlock Irrigation District

Summary for 'Region' = San Joaquin Valley 71 projects

Grant Dollars Awarded For Region:

\$99,107,935

** See Complete Grant For More Detail.*

Summary for 'Program Element' = Ecosystem Restoration 441 projects

Total Grant Dollars Awarded:

\$497,227,800